

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 14038  
Application ID: 09683888  
Title of Invention: FIBER OPTIC SCINTILLATOR WITH  
OPTICAL GAIN FOR A COMPUTED  
TOMOGRAPHY SYSTEM AND  
METHOD OF MANUFACTURING  
SAME  
First Named Inventor: David Hoffman  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-02-27   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: GEMS8081.097  
Digital Certificate Holder: cn=Timothy J Ziolkowski, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: YpUjGmSvMD672F2Parex4g==  
Total Fees Authorized: \$1034.0  
Payment Category: DA – Deposit Account  
Deposit Account Number: 70845  
Deposit Account Name: Timothy J. Ziolkowski

# TRANSMITTAL FORM

JC474 U.S. PTO  
09/1683888  
02/27/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility  
Patent Filing

Attorney Docket  
Number:

GEMS8081.097

## FIBER OPTIC SCINTILLATOR WITH OPTICAL GAIN FOR A COMPUTED TOMOGRAPHY SYSTEM AND METHOD OF MANUFACTURING SAME

First Named Inventor: Mr. David M. Hoffman

### SUBMITTED BY

Name: Mr. Timothy J. Ziolkowski, Esq.

Registration Number: 38,368

Electronic Signature

Mark: /s/Timothy J. Ziolkowski

Date Signed: 20020227

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration

dec1.tif

declaration	dec2.tif
bibd-transmittal	submitapds.xml
fee-transmittal	submitfee.xml
specification	PatApp.xml

**Attached Image File(s):**

decl.tif

dec2.tif

**Comments:**

Year	Population	Area	Population per square mile
1870	1,000,000	1,000,000	1.00
1880	1,200,000	1,200,000	1.00
1890	1,400,000	1,400,000	1.00
1900	1,600,000	1,600,000	1.00
1910	1,800,000	1,800,000	1.00
1920	2,000,000	2,000,000	1.00
1930	2,200,000	2,200,000	1.00
1940	2,400,000	2,400,000	1.00
1950	2,600,000	2,600,000	1.00
1960	2,800,000	2,800,000	1.00
1970	3,000,000	3,000,000	1.00
1980	3,200,000	3,200,000	1.00
1990	3,400,000	3,400,000	1.00
2000	3,600,000	3,600,000	1.00
2010	3,800,000	3,800,000	1.00

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**PATENT APPLICATION****DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

ATTY. DOCKET NO. GEMS8081.0

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**FIBER OPTIC SCINTILLATOR WITH OPTICAL GAIN FOR A COMPUTED TOMOGRAPHY SYSTEM  
AND METHOD OF MANUFACTURING SAME**

the specification of which is attached hereto unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amer any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as define CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed b have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

**U.S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of ea claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Secti acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing da prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the P Trademark Office connected therewith.

Timothy J. Ziolkowski, Reg. No. 38368  
Joseph P. Fox, Reg. No. 41,760  
J. Mark Wilkinson, Reg. No. 48,865

along with the following registered attorneys and agents of GENERAL ELECTRIC COMPANY, 3000 North Grandview Boulevard, W-710, Waukesha, Wisconsin 53188:

Michael A. Della Penna, Reg. No. 45,697  
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along with the following registered attorneys and agents of GENERAL ELECTRIC COMPANY, 3135 Easton Turnpike, W3C, Fairfield, Connecticut 06

Jay L. Chaskin, Reg. No. 24,030  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sect of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** David M. Hoffman

**Citizenship:** United States of America

**Residence/Post Office Address:** 13311 West Sunnyview, New Berlin, WI 53151

**Inventor's Signature**

**Date**

2/21/02

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1034**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0845



Deposit Account Name: General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Timothy J. Ziolkowski

Electronic Signature Mark: /s/ Timothy J. Ziolkowski

Date Signed: 20020227

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 27	103	\$ 18	7	\$ 126
Independent Claims: 5	102	\$ 84	2	\$ 168

Subtotal For Extra Claims Fees: \$ 294